Friday 10/22 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_

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| Objective: |

**We Do**

**1.** A circular fountain is surrounded by flowers. The fountain’s diameter is 8 ft. The flowers extend 1.5 ft out from the fountain on all sides. What area do the flowers cover to the nearest tenth of a square foot?

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| Important Information | Unknown (what is the question asking?) | Picture | Formula to Use | Work | Answer (do not forget units) |
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Final Check –

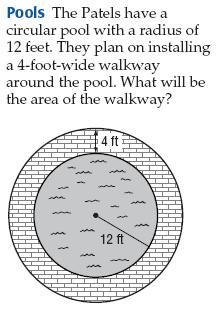
A circular fountain has a [diameter](javascript:def('/Glossary/glossaryterm.aspx?word=Diameter',%20500,%20500);) of 10 meters. The statue in the middle has a [diameter](javascript:def('/Glossary/glossaryterm.aspx?word=Diameter',%20500,%20500);) of 1 meter. What is the [area](javascript:def('/Glossary/glossaryterm.aspx?word=Area',%20500,%20500);) of the bottom of the fountain?

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|  |



You Do

1.



2. A 14-in. diameter pizza is cut into 6 equal slices. About how many square inches of pizza are in each slice? Round to the nearest square inch. (Hint: there are 360° around a point, and you are cutting the center into 6 parts, what are the angles of the pizza corners?)

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3. Corinne, a picky eater, will not eat the crust of the pizza. Below is a picture of a slice from problem number 2. The crust can be approximated by a segment. How many square inches of pizza did Corinne waste?

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